

**IN THE CLAIMS**

Please amend claims 3, 8, 9, 10 and 13 by this amendment and newly add claims 21 and 22 by this amendment as follows:

1           1. (Previously Amended) A method of operating a computer by a remote controller, the  
2 method comprising:  
3           pressing a button on the remote controller;  
4           transmitting a first security code stored in the remote controller to the computer;  
5           checking whether a second security code stored within the computer is the same as the  
6 first security code; and  
7           automatically converting an operation mode of the computer from a non-normal, non-  
8 power off mode into a normal mode when the first security code is the same as the second  
9 security code.

2. (Canceled)

1           3.(Currently Amended) The method of claim 1, the ~~input device~~ remote controller being  
2 a wireless remote controller.

1           4. (Previously Amended) The method of claim 1, wherein a shell program inside the  
2 computer is adapted to perform the checking step.

5. (Canceled)

6. (Canceled)

1           7. (Previously Amended) The method of claim 1, wherein said computer comprises an  
2           operating system (OS) program to perform said checking step.

1           8. (Currently Amended) The method of claim 1, wherein the computer is in a standby  
2           mode immediately prior to said conversion to said normal state, said standby mode being a  
3           power saving state where an amount of power delivered to the computer is less than normal but  
4           greater than zero, said standby mode being said non-normal, non-power off mode.

1           9. (Currently Amended) The method of claim 3, wherein the computer is in a screen  
2           saver mode immediately prior to said conversion to said normal mode, said screen saver mode  
3           being said non normal non power off mode.

1           10.(Currently Amended) A method for automatically verifying a security code of a multi-  
2           user computer via one of a plurality of cordless remote controllers, the method comprising the  
3           steps of:

4           operating a remote control device, the remote control device being one of said plurality

5 of remote controllers, one of said plurality of remote controllers to turn on and boot said  
6 computer;

7 waiting a predetermined period of time for said computer to lapse into a stand-by mode;

8 pushing a button on one of said plurality of remote controllers to attempt to bring said  
9 computer to a normal mode;

10 transmitting a password to said computer from said remote control device that attempted  
11 to bring said computer back to a normal mode;

12 determining whether the remote controller used to attempt to bring said computer to a  
13 normal mode is the same remote control device that booted said computer;

14 bringing said computer back to a normal mode if said remote control device used to  
15 bring the computer back to a normal mode is the same remote control device used to boot the  
16 computer; and

17 rebooting said computer and repeating all of the above steps if the remote control device  
18 used to bring said computer to a normal mode is different from the remote control device used  
19 to boot the computer.

1 11. (Original) The method of claim 10, further comprising the steps of:

2 transmitting to said computer from said one of said plurality of remote controllers a  
3 password unique to said remote controller when said computer is booted;

4 saving said password of said remote controller to disk in said computer for future use;

5 and

6 comparing a password transmitted to said computer by said remote controller that is  
7 attempting to resume said computer to a normal mode with said password stored in said disk  
8 to determine whether the remote controller used to attempt to resume said computer to a normal  
9 mode is the same remote controller used to boot said computer.

1 12. (Original) The method of claim 11, wherein the multi-user computer includes a  
2 plurality of save-to-disk storage areas for each one of said plurality of remote controllers.

1 13. (Currently Amended) A computer being operated by a remote control device, ~~said~~  
2 ~~remote control device transmitting security information to said computer to activate said~~  
3 ~~computer, said computer~~ comprising:

4 a remote control signal receiver for receiving signals from said remote control device;  
5 a shell program for handling and transmitting said received signals from said remote  
6 control device; and

7 a general purpose input/output unit connected between said receiver and said shell  
8 program to facilitate communication therebetween, the remote control device being configured  
9 to automatically transmit security information to the computer upon actuation of any key on said  
10 remote control device.

1 14. (Original) The computer of claim 13, said computer comprising a hierarchical  
2 structure comprised of:

3 a hardware layer comprising said general purpose input/output unit and said receiver;  
4 a basic input output system layer attached to said hardware layer;  
5 an operating system layer connected to said basic input/output system layer; said  
6 operating system layer comprising an operating system program that receives input from said  
7 shell program regarding security information and determines whether security information input  
8 by said remote device matches a security code stored in said computer; and  
9 an application layer that comprises said shell program.

1 15. (Original) The computer of claim 13, wherein said remote control signal receiver  
2 comprises a microprocessor for controlling the overall operation of the computer.

1 16. (Original) A method for resuming normal operation of a computer when a computer  
2 is in a standby mode, said method comprising the steps of:

3 determining whether or not there has been any input to said computer for a  
4 predetermined period of time;

5 performing a screen save function;

6 switching said computer from a normal operation mode into a standby state;

7 pushing a button on a remote wireless device;

8 transmitting security data from said remote device to said computer;

9 checking whether the security data transmitted from said remote wireless device matches  
10 security data stored within said computer; and

11           reviving said computer from said standby mode to a normal operation mode if said  
12 security data input from said remote wireless device matches said security data stored within  
13 said computer.

1           17. (Original) The method of claim 16, further comprising the step of operating said  
2 computer from said remote wireless device after said computer is restored to said normal  
3 operation mode.

1           18. (Original) The method of claim 17, further comprising the step of displaying a  
2 prompt requesting security code data to be input to said computer.

1           19. (Previously Presented) The method of claim 3, further comprising determining  
2 whether the input device is a wireless remote controller or not and requiring manual input of  
3 the first security code only when said input device is not said wireless remote controller.

1           20. (Previously Presented) The method of claim 3, further comprising determining  
2 whether the input device is a wireless remote controller or not and automatically transmitting  
3 said first security code to said computer when said input device is said wireless remote  
4 controller and when just one button has been pressed on said wireless remote controller.

1           21. (New) The method of claim 1, the remote controller being a hand held remote

2 controller.

1 22. (New) The method of claim 1, the remote controller being a wireless hand held  
2 remote controller.